## Part 1: Review the data

1. Open the spreadsheet “Teacher Effectiveness Dataset”
2. Spend some time familiarizing yourself with this dataset.
   1. On the rows are teachers in an elementary school, organized in alphabetical order according to their first names.
   2. The columns include teacher’s grade-level assignment; class size; the proportion of economically disadvantaged students in their class; and TEAM observation scores.

## Part 2: Examine the data

*Examining the Distribution of Class Size within and between Grade-Levels*

1. Sort the dataset by the variable “Grade-Level” In Excel: select “Data”-> “Sort” -> Column B or “Grade-Level”
2. Add an additional sort by the variable “Total Students” In Excel: “Data”-> “Sort” -> “+” sign in the bottom corner to create a “Then by” row -> Column C or “Total Students”
3. Examine the data and answer the following questions:
   1. What patterns in class size do the data indicate in the school as a whole? In thinking about teacher assignment, what might cause these patterns to develop?
   2. Based on your data analysis, what patterns exist in class size within grade levels? What might these patterns indicate about equitable access to a high quality teacher for each student?

*Examining the distribution of economically disadvantaged students*

1. Sort the dataset by “Grade Level” and “Proportion Economically Disadvantaged”
2. In Excel: Change the “Grade-Level” column to “Proportion Economically Disadvantaged”-> OK
3. Examine the data and answer the following questions:
   1. What schoolwide patterns do you notice in the data? Why might these patterns exist?
   2. Based on your data analysis, what patterns in the distribution of economically disadvantaged students do you notice within grade levels? Why might these patterns exist?

*Examining the distribution of TEAM evaluation data*

1. With the data sorted by grade-level and proportion economically disadvantaged, examine the patterns of TEAM ratings (level of overall effectiveness & indicator level observation scores, Columns E - X) and answer the following question:
   1. What is the relationship between *economic disadvantage* and *teacher effectiveness* in this school? Consider examining the relationship for the school as a whole and for grade levels.

*Taking action*

1. Based on the patterns you noticed in your data analysis, answer the following questions:
   1. As the principal of this school, how would you create an equitable distribution of teachers across classrooms and grade levels in your teacher assignment process?
2. Based on the patterns you noticed in your data analysis, answer the following questions:
   1. Identify two challenges or barriers to making strategic assignment decisions in your school. What steps could be taken to resolve these obstacles?

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| --- | --- |
| Challenge/Barrier | Potential Solution |
| 1. |  |
| 2. |  |

* 1. How might you share the evidence from the data with teachers in a way to build their understanding around equitable distribution of teacher and student assignments?